

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE ELECTRICAL DIVISION

Name of work:- Detailed Estimate for Maintenance of electrical Installation and replacements of damaged panel boards to the highmasts in Dasarahalli Division.

Budget Head

Division No.....

Estimate No.

For Rs.

500000.00

Sl.N o.	SR Page & SL No	Description of Work	Unit	Qty.	Rate Rs.	Amount
1	BESCOM SR 2018-19 49.02	Supply and Laying of 1.1KV Class HR (Heat Resistant) PVC Insulated & UnSheathed Aluminium Wires Multistrand Single core Lead wires as per IS694: 2010 PVC Wire - 25 Sqmm Al Wt: 6.7 Kgs, Total Wt: 11.5Kgs for 100Mtrs	Per Mtr	600	32.31	19386.00
2	2/1.1.2	Supplying heavy gauge PVC conduit pipe dia mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive	Per Mtr	300	70.00	21000.00
3	46/6.1.3. A.1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Nos	49	4044.00	198156.00
4	6.7.3	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps	Each	15	234.00	3510.00
5	47/6.1.6. 6	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.f)40-63Amps TPN,	Each	10	1936.00	19360.00
6	6.4.2	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG	Sqcm	150000	0.33	49500.00
7	46/6.1.2. 4	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 100-125 Amps	Each	5	9915.00	49575.00
8	6/2.6.7	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cable in open or consealed system of wiring.I Group A Materials.g)16 sqmm	Per Mtr	50	132.00	6600.00
9	17/3.1.0	Supplying and fixing phylum brand hand plastic sheet 3mm thick with necessary niches for fixing switches, regulators etc., and fixing on exisiting wood or metal box using N.F.screws	Sqcm	41000	0.22	9020.00

10	49/6.39.1	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm	Per Mtr	27	263.00	7100
11	32/9	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc.. Group A, PWD Elec SR 2006-07.	Nos	5	4200.00	21000.00
12	7.21	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	100	20.59	2059.00
13	50/6.41.1	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets200mmx200mmx98mm	Nos	43	2178.00	93654.00
		Mislenious				79.00
		Total				500000.00

CERTIFICATE

1. The Place was inspected and work is essential.
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD (Elec) SR of 2014-15 and BESCOM SR 2018-19 .

Jr/Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
DASARAHALLI zone
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
DASARAHALLI ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE

ನಂ.21 ಕಾ.ಆ.(ಎ)ದಾ.ವ: 21 2019-2020 200 - 200
ದಿನಾಂಕ:02-07-2019 ರೂ 5.00 Lakh
Five lakhs rupees only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆರೋಪಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ್ದು,
ಮಟ್ಟ ಸಂಖ್ಯೆ 31 ಕ್ರಮಸಂಖ್ಯೆ 21
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ಎ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು-57.

ಸಂಖ್ಯೆ. ಬೃ.ಬೆಂ.ಮ.ಪಾ : ದಾ.ವ : ತಾಂತ್ರಿಕ : 19 / 200 - 200
ದಿನಾಂಕ:02-07-2019. ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ರೂ.5.00 Lakh
ಆಕ್ಷರಗಳಲ್ಲಿ Five lakhs only
2019-2020
ಗಳಿಗೆ ಮಾತ್ರ 200 - 200 ನೇ ಸಾಲಿನ ವರದಿಗಳ ಪಟ್ಟಿಯಂತೆ ತಾಂತ್ರಿಕ
ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಟಿ. ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು-57.